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## Commonwealth of Massachusetts

GOVERNMENT DOCUMENTS  
COLLECTION

1977

JUN 14 1978

University of Massachusetts

## ASSESSMENTS

FOR

INTEREST, SERIAL BONDS

AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS



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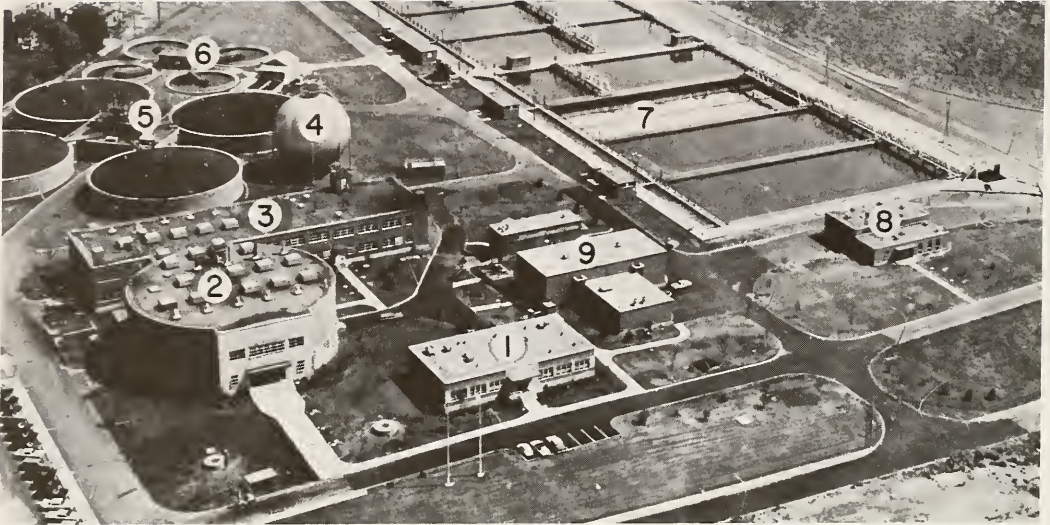
# Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1977

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1977 to be paid by the cities and towns, comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

From September 1, 1976, bonds have been issued as follows:

Met. Recreation and Environmental Loan, Act of 1972.....	\$7,000,000.00
Met. Water District Loan, Act of 1974.....	3,000,000.00
Wollaston Beach, Quincy Shore Reservation Loan, Act of 1967.....	900,000.00
Met. Water Dist. Additional Loan, Act of 1968.....	1,000,000.00
Met. Water Dist. Additional Loan, Act of 1971.....	1,000,000.00
Charles River Basin Improvement Loan, Act of 1962.....	1,000,000.00
Charles River Water Quality Loan, Act of 1972.....	1,000,000.00
Met. Parks District Loan, Act of 1974.....	2,000,000.00
M.D.C. Charles River Marginal Conduit Loan, Act of 1971.....	5,000,000.00
M.D.C. Recreation Loan, Act of 1970.....	2,000,000.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%).....	1,500,000.00



*MAGNITUDE OF MDC DEER ISLAND SEWAGE TREATMENT PLANT is graphically shown in this aerial photo. The complex facilities, credited with alleviating pollution in Boston Harbor and other waterways, consist of (1) administration building and laboratory, (2) pumping station, (3) power plant, (4) storage sphere for sewage gas used to operate the plant, (5) sludge digestion tanks, (6) sludge and scum thickening tanks, (7) sedimentation and settling tanks, each 255 feet long and 103 feet wide, (8) chlorine building and (9) Winthrop Terminal headworks. Not shown are a water storage reservoir to supply cooling water for equipment, reservoir pumping station and an equipment garage.*

### **Metropolitan Sewer**

Chapter 92 of the General Laws, as amended by Chapter 814, Acts of 1975.

**SECTION 5.** The proportions in which each of the cities and towns included in the metropolitan sewerage district shall annually pay to meet the total interest and principal requirements for each fiscal year on debt incurred for the metropolitan sewerage district system, shall be based on the respective populations of said cities and towns as ascertained by the last preceding state census, and on the population equivalents of the industrial wastes, as defined in Section five A, contributed to that system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the population and population equivalents only of that part of the city or town so included, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section.

**SECTION 5A.** As used in section five and in this section, "industrial wastes" shall mean wastes discharged to the metropolitan sewerage district system by users who would be subject to the cost-recovery provisions of federal law with respect to any federal grant that might be made for construction of works that will treat such wastes. "Non-industrial wastes" include all other wastes.

The commission shall annually calculate the portions of all federal construction grants awarded after March first, nineteen hundred and seventy-three, that are attributable to treatment of industrial wastes received into the metropolitan sewerage district system from cities and towns served by that system. The commission shall further allocate such portions among the cities and towns so served, in accordance with the population equivalents of their industrial waste flows to the treatment works for which the



federal construction grants were awarded. If federal law permits, the commission may aggregate the industrial waste portions of such grants and allocate such aggregated sum among the cities and towns in proportion to the population equivalents of their industrial waste flows to the metropolitan sewerage district system. The commission shall inform each city and town of its allocated share as determined under this section.

Each member city and town to which a share of cost is thus allocated shall assess its industrial users to recover from them the portions of that share which are attributable to treatment of their wastes. Every municipal program of industrial cost recovery and any amendments thereto shall be subject to the approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate methods of assessment. Such methods may include division of industrial users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of industrial cost recovery in accordance with this section, the commission shall establish, and may from time to time alter and amend, an industrial cost recovery program which such city or town shall promptly adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

The proceeds of industrial cost recoveries under this section shall be remitted not less than annually, in the form of checks made payable to the commonwealth, to the state treasurer, who shall deposit them in a special fund to be known as the Metropolitan District Commission Wastewater Management Fund. Such fund shall be invested and payments shall be made from it from time to time as may be required by state or federal law, provided that not less than ten per cent of all cost recoveries deposited in the fund, together with interest earned thereon, shall, subject to appropriation, be used to defray administrative expenses of the commission.

**SECTION 5B.** The cost of construction of extensions of the metropolitan sewerage district system to provide service for additional cities and towns, shall be paid by the cities and towns so benefited to the extent that such cost is not met by federal or state construction grants. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction, as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the respective additional capacities thereby made available to them by such construction. The proportion to be paid by each city and town benefited may be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission.

**SECTION 6.** The proportions in which the cities and towns included in the metropolitan sewerage district system shall annually pay to meet the total cost of operation and maintenance, including replacement, of the system shall be based on their respective populations contributing to the system, and on the population equivalents of other wastes contributed to the system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the contributing population and population equivalents only of that part of the city or town served in the district, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section. The commission shall annually allocate the cost shares for operation and maintenance, including replacement, among the cities and towns so served. For purposes of this section, "replacement" shall mean such expenditures for obtaining and installing equipment, accessories, or appurtenances during the useful life of treatment works as are necessary to maintain the capacity and performance for which the works are designed and constructed.

Each city and town to which a portion of cost is thus allocated shall adopt and administer a program of user charges requiring all users within its jurisdiction to pay their proportionate shares of such allocation. Every such program and any amendments thereto shall be subject to approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate



*Over 1,750,000 Greater Bostonians availed themselves last year of inexpensive recreation at the 25 MDC skating rinks. The facilities were used for general skating, hockey and special programs, such as figure skating, school physical education classes and groups of retarded children.*

methods of assessment. Such methods may include division of users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of user charges in accordance with this section, the commission shall establish, and may from time to time alter and amend, a user charge program which such city or town shall adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

**SECTION 7.** On or before September first of each year, the commission, in accordance with sections five, five A, five B, and six, and after consultation with the cities and towns served by the metropolitan sewerage district, shall establish the proportions in which the respective cities and towns shall annually pay money to the Commonwealth to meet interest and principal costs, industrial cost-recovery requirements, and costs of maintenance and operation of the metropolitan system. For these purposes, calculations of industrial waste contributions from each city and town shall be based on current and annually updated industrial waste surveys. Not later than September first of each year the commission shall submit to the officials of such cities and towns the ratios of apportionment so established. Not later than October first of each year the commission shall certify and transmit its determinations to the state treasurer.

**SECTION 8.** The amount of money required each year from every such city and town to meet the interest and principal requirements and costs aforesaid and the deficiency, if any, shall be estimated by the state treasurer in accordance with the proportions as determined aforesaid by the commission, and shall be included and made a part of the sum charged to such city or town, and shall be paid by the city or town to the commonwealth as provided by section twenty of chapter fifty-nine.





*TYPICAL WATER SUPPLY TUNNEL serving the Metropolitan Water District is the newly-completed deep-rock Dorchester Tunnel, designed to enlarge the distribution system. Big enough to accommodate an automobile, it is 10 feet in diameter, 6.6 miles long and 300 feet below ground level.*

### **Metropolitan Water**

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be

received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26, (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) in the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of two hundred forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year.

SECTION 26. "The Commission shall adjust the rate per million gallons each year by increasing or decreasing it to the next higher or lower multiple, as the case may be, of five dollars per million gallons so that the projected receipts from the water district equal, as nearly as practical, the total cost of interest, principal, sinking fund, maintenance and operation of the water system. The commission shall give due notice to the designated official of each member city and town of any proposed rate change and shall thereafter, in due course, hold a public hearing thereon. Subsequent thereto, the commission shall notify said official of the rate change, as determined by the commission, in January of the year it is to be assessed. The commission shall then, forthwith, certify to the state treasurer such action as has been taken by the commission."

### **Metropolitan Parks**

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from



general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

*ROBERT Q. CRANE*  
Treasurer and Receiver-General

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 469,917.84	\$ 511,627.69	\$ 412,113.32	\$ 1,393,658.85
Ashland			66,107.54	66,107.54
Bedford			79,889.49	79,889.49
Belmont	245,637.36	377,337.35	235,355.45	858,330.16
Boston	13,209,518.88	3,826,984.36	5,674,899.81	22,711,403.05
Braintree		481,792.41	304,399.87	786,192.28
Brookline	618,924.96	640,836.56	436,373.44	1,696,134.96
Burlington			180,134.85	180,134.85
Cambridge	45,935.04	844,391.15	1,150,361.75	2,040,687.94
Canton	63,449.76	243,732.52	155,806.77	462,989.05
Chelsea	324,045.36	166,470.69	219,072.11	709,588.16
Cohasset		4,479.97		4,479.97
Dedham		332,024.65	216,483.20	548,507.85
Dover		114,507.23		114,507.23
Everett	682,950.96	522,159.90	384,840.34	1,589,951.20
Framingham			508,232.63	508,232.63
Hingham		253,716.61	45,035.17	298,751.78
Hull		92,671.37		92,671.37
Lexington	405,344.88		246,752.89	652,097.77
Lynn		584,285.71		584,285.71
Lynnfield Water District	36,923.28			36,923.28
Malden	588,214.32	427,226.00	463,735.71	1,479,176.03
Marblehead	201,089.52			201,089.52
Medford	792,282.48	522,824.58	503,514.11	1,818,621.17
Melrose	283,123.92	300,702.84	264,436.09	848,262.85
Milton	240,914.64	320,291.38	217,061.33	778,267.35
Nahant	36,666.24	55,425.75		92,091.99
Natick			225,327.51	225,327.51
Needham	88,134.72	472,567.11	238,082.69	798,784.52
Newton	1,079,023.68	1,041,508.00	743,027.81	2,863,559.49
Norwood	356,984.88		278,815.87	635,800.75
Peabody	136,172.16			136,172.16
Quincy	921,252.96	826,324.74	776,057.51	2,523,635.21
Randolph			170,029.89	170,029.89
Reading			164,988.80	164,988.80
Revere	384,637.92	370,110.36	329,880.28	1,084,628.56
Saugus	308,333.52	304,955.07		613,288.59
Somerville	791,753.04	534,655.97	693,694.35	2,020,103.36
Stoneham	282,239.52	238,359.84	174,539.27	695,138.63
Stoughton			131,890.72	131,890.72
Swampscott	153,915.60	98,753.70		252,669.30
Wakefield	206,215.20	259,741.56	190,797.05	656,753.81
Walpole			226,807.19	226,807.19
Waltham	979,257.60	654,443.41	639,043.98	2,272,744.99
Watertown	440,888.64	349,797.84	320,043.43	1,110,729.91
Wellesley		447,588.40	194,778.94	642,367.34
Weston	102,337.92	235,585.36		337,923.28
Westwood		225,674.38	73,883.87	299,558.25
Weymouth		539,889.23	368,028.81	907,918.04
Wilmington			75,485.94	75,485.94
Winchester	76,631.76	296,013.64	212,300.12	584,945.52
Winthrop	183,757.20	148,831.40	167,098.68	499,687.28
Woburn			324,654.74	324,654.74
	\$24,736,475.76	\$17,668,288.73	\$18,483,863.32	\$60,888,627.81

## METROPOLITAN WATER DISTRICT

### Metropolitan Water Debt

Gross (and net) debt June 30, 1977

**Bonds Outstanding (Serial)**

Additional Water, Acts of 1926	\$ 1,928,000.00
Water Use Development Loan (Chapt. 587-1945) (Chapt. 549-1946)	52,858,000.00
Water Main Loan, Act of 1949 (Chapt. 575)	440,000.00
Water Main Loan, Act of 1954 (Chapt. 278)	421,000.00
Water Main Loan, Act of 1957 (Chapt. 711)	817,000.00
Water Main Loan, Act of 1959 (Chapt. 590)	711,000.00
Water Loan, Act of 1950 (Chapt. 660)	5,889,000.00
Water Loan, Act of 1952 (Chapt. 619)	3,675,000.00
Clinton Sewage Loan, Act of 1954 (Chapt. 462)	168,000.00
Met. Water District Additional Loan, Act of 1956 (Chapt. 685)	13,570,000.00
Met. Water District Additional Loan, Act of 1961 (Chapt. 522)	7,580,000.00
Met. Water District Additional Loan, Act of 1962 (Chapt. 654)	7,950,000.00
Met. Water District Additional Loan, Act of 1964 (Chapt. 403)	950,000.00
Met. Water District Additional Loan, Act of 1966 (Chapt. 564)	10,175,000.00
Met. Water District Additional Loan, Act of 1967 (Chapt. 669)	15,100,000.00
Met. Water District Additional Loan, Act of 1971 (Chapt. 982)	2,165,000.00
Water Main Loan, Act of 1967 (Chapt. 622)	100,000.00
Met. Water District Additional Loan, Act of 1968 (Chapt. 521)	<u>1,760,000.00</u>
Total Net Water Debt June 30, 1977	\$126,257,000.00

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1977:

*Fund Requirements July 1, 1976* \$ 2,660,329.98

*Fiscal Year Charges*

Appropriations	\$23,969,668.68
Appropriations of Restricted Revenue	28,108.27
Expenditures Authorized-Not Appropriated	32,113.40
Authorized Transfers	741,996.86
Split Appropriation - Other Credits	<u>4,350.00</u>
	24,776,237.21

*Deduct Reversions*

Appropriations	\$908,971.30		
Accounts Payable	<u>83,762.45</u>	<u>992,733.75</u>	<u>23,783,503.46</u>
Total Charges			21,123,173.48

*Operating Revenues*

Departmental Revenue	\$ 1,723,356.86	
District and Special Assessment	24,536,089.39	
Transfer Receipts	<u>1,831.92</u>	
Total Revenue		<u>26,261,278.17</u>

*Fund Surplus June 30, 1977* \$ 5,138,104.69



# METROPOLITAN WATER ASSESSMENT FOR 1977

Cities and Towns	Total Consumption for 1976 in Mil. Gals.	1976 Charge at \$240 per mil. gals. (Chapt. 1039, Acts of 1973)	Proportion for Computing Share
Arlington	1,957.991	\$ 469,917.84	.018996
Belmont	1,023.489	245,637.36	.009930
Boston	55,039.662	13,209,518.88	.534010
Brookline	2,578.854	618,924.96	.025021
Cambridge <sup>1</sup>	191.396	45,935.04	.001857
Canton <sup>1,2,3</sup>	264.374	63,449.76	.002565
Chelsea	1,350.189	324,045.36	.013100
Everett	2,845.629	682,950.96	.027609
Lexington	1,688.937	405,344.88	.016386
Lynnfield Water District	153.847	36,923.28	.001493
Malden	2,450.893	588,214.32	.023779
Marblehead	837.873	201,089.52	.008129
Medford	3,301.177	792,282.48	.032029
Melrose	1,179.683	283,123.92	.011446
Milton	1,003.811	240,914.64	.009739
Nahant	152.776	36,666.24	.001482
Needham <sup>1,4</sup>	367.228	88,134.72	.003563
Newton	4,495.932	1,079,023.68	.043621
Norwood	1,487.437	356,984.88	.014432
Peabody <sup>1</sup>	567.384	136,172.16	.005505
Quincy	3,838.554	921,252.96	.037243
Revere	1,602.658	384,637.92	.015549
Saugus	1,284.723	308,333.52	.012465
Somerville <sup>2</sup>	3,298.971	791,753.04	.032008
Stoneham	1,175.998	282,239.52	.011410
Swampscott	641.315	153,915.60	.006222
Wakefield <sup>1</sup>	859.230	206,215.20	.008336
Waltham	4,080.240	979,257.60	.039588
Watertown	1,837.036	440,888.64	.017823
Weston <sup>1</sup>	426.408	102,337.92	.004137
Winchester	319.299	76,631.76	.003098
Winthrop	765.655	183,757.20	.007429
	103,068.649	\$24,736,475.76	1.000000

1. Partial Supply Only.

2. Assessment for Entrance Fee:

Canton - Seventh of ten payments

\$11,975.90

Assessment for Water Connection:

Canton - Seventh of ten payments

55,594.85

Somerville - credit agreement dated 11/26/76

1,925.60

3. Canton: - Additional payment

22,926.48

4. Needham - Additional payment

3,309.84

No water was discharged into the Charles River during the year 1976 under the provisions of Chap. 603 of the Acts of 1950.

No water was discharged into Bannister Brook during the year 1976 under the provisions of Chap. 557 of the Acts of 1947.

**COMPARISON OF ASSESSMENTS 1976 and 1977  
WITH REVENUE FROM WATER RATES 1976**

Cities and Towns	1976	1977	Water Revenue Received by Cities and Towns 1976
Arlington	\$ 476,957.04	\$ 469,917.84	\$ 1,095,143.25
Belmont	248,382.96	245,637.36	648,525.41
Boston	12,888,419.04	13,209,518.88	15,679,278.00
Brookline	645,967.44	618,924.96	1,603,069.01
Cambridge	99,995.76	45,935.04	2,790,066.87
Canton	53,589.60	63,449.76	330,889.11
Chelsea	306,371.04	324,045.36	611,410.92
Everett	677,613.36	682,950.96	1,110,928.27
Lexington	392,832.96	405,344.88	690,680.41
Lynnfield Water District	34,949.76	36,923.28	215,513.00
Malden	606,356.16	588,214.32	542,068.33
Marblehead	210,551.52	201,089.52	533,327.75
Medford	755,648.64	792,282.48	898,726.59
Melrose	296,015.52	283,123.92	318,351.14
Milton	211,492.32	240,914.64	604,815.00
Nahant	36,797.04	36,666.24	76,625.94
Needham	88,181.04	88,134.72	860,165.10
Newton	1,160,895.12	1,079,023.68	1,968,505.00
Norwood	357,348.00	356,984.88	681,832.58
Peabody	102,054.24	136,172.16	775,488.83
Quincy	956,084.16	921,252.96	2,146,441.00
Revere	374,610.24	384,637.92	820,749.40
Saugus	234,918.00	308,333.52	398,693.05
Somerville	803,154.96	791,753.04	1,439,887.31
Stoneham	275,654.88	282,239.52	437,119.77
Swampscott	159,193.68	153,915.60	334,163.00
Wakefield	207,604.80	206,215.20	562,670.57
Waltham	979,209.84	979,257.60	2,415,653.23
Watertown	422,033.28	440,888.64	899,171.13
Weston	102,205.92	102,337.92	347,173.29
Winchester	95,305.44	76,631.76	412,365.55
Winthrop	174,988.32	183,757.20	429,550.71
	<u>\$24,435,382.08</u>	<u>\$24,736,475.76</u>	<u>\$42,679,048.52</u>

**METROPOLITAN PARKS DISTRICT**  
**Metropolitan Parks Debt**

Gross (and net) June 30, 1977

Bonds Outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 134,000.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	850,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	819,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	2,246,000.00
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	5,185,000.00
Charles River Flood Control Act of 1955 (Ch. 768)	65,000.00
Charles River Flood Control Act of 1961 (Ch. 520)	580,000.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	1,595,000.00
Mystic River Dam Loan, Act of 1957 (Ch. 647)	2,977,000.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	7,410,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	646,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	894,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	990,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	2,350,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	1,535,000.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	1,210,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	1,750,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	6,825,000.00
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	1,495,000.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	7,830,000.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	1,900,000.00
Lynn-Nahant Beach Erosion Loan, Act of 1966 (Ch. 576)	265,000.00
Revere Beach Reservation and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	440,000.00
Wollaston Beach, Quincy Shore Res. Loan, Act of 1967	900,000.00
Metropolitan Parks District Loan Act of 1974	2,000,000.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	1,500,000.00
	\$54,441,000.00



# METROPOLITAN PARKS EXPENSES

Debt Service:	Serial Bonds	Interest
Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 53,000.00	\$ 5,015.50
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	100,000.00	27,700.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	67,000.00	27,843.75
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	298,358.68	266,801.25
Charles River Flood Control, Act of 1955 (Ch. 768)	50,000.00	3,412.50
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	172,000.00	94,996.25
Charles River Flood Control, Act of 1961 (Ch. 520)	70,000.00	29,792.50
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	270,000.00	54,432.50
Mystic River Dam Loan, Act of 1957 (Ch. 647)	229,000.00	93,928.75
Mystic River Dam Loan, Act of 1963 (Ch. 547)	420,000.00	318,230.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00	3,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	248,000.00	26,029.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	298,000.00	34,201.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	165,000.00	37,557.50
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	250,000.00	95,075.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	175,000.00	71,390.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	605,000.00	64,140.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	325,000.00	85,250.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	451,717.35	387,717.50
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	145,000.00	71,750.00
Lynn-Nahant Beach Erosion Control Project Loan, Act of 1966 (Ch. 576)	15,000.00	15,237.50
Revere and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	30,000.00	24,200.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	98,358.68	116,550.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	426,041.46	465,815.84
Wollaston Beach, Quincy Shore Reservation Loan, Act of 1967 (Ch. 786)	58,522.71	53,280.00
Metropolitan Parks District Loan 1974	96,717.35	118,400.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	72,538.02	88,800.00
Interest on Average Monthly Deficit		216,632.00
	\$5,239,254.25	\$2,897,178.34
Maintenance as appropriated by the Legislature		\$ 8,136,432.59
Total Metropolitan Parks Expenses to be assessed		9,531,856.14
		\$17,668,288.73

**METROPOLITAN PARKS DISTRICT RESERVATIONS  
AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements as  
Determined by the Metropolitan District Commission**

Cities and Towns	1976 Eq. Valuation	Valuation Per Cent Note 1.	Population 1975 Census	Population Per cent	Chapt. 92 Sect. 55 Note 2.
Arlington	\$ 554,452	.029571	50,223	.025402	.028447
Belmont	428,500	.022853	27,660	.013990	.020089
Boston	3,600,000	.192001	637,986	.322679	.237713
Braintree	544,000	.029013	36,822	.018624	.025792
Brookline	715,000	.038134	53,150	.026882	.034696
Cambridge	875,000	.046667	102,095	.051637	.048774
Canton	276,338	.014738	18,114	.009162	.012996
Chelsea	162,100	.008645	25,066	.012678	.010090
Dedham	371,600	.019819	26,924	.013617	.017924
Dover	137,200	.007317	4,923	.002490	.005770
Everett	590,100	.031472	39,713	.020086	.027929
Hingham	286,100	.015259	19,544	.009885	.013599
Hull	97,370	.005193	10,572	.005347	.005292
Lynn	585,500	.031227	80,240	.040584	.034659
Malden	434,100	.023152	55,814	.028229	.025070
Medford	547,100	.029179	60,702	.030702	.029957
Melrose	320,300	.017083	32,213	.016293	.016973
Milton	356,000	.018987	27,214	.013764	.017403
Nahant	62,600	.003339	4,229	.002139	.002966
Needham	546,600	.029152	29,936	.015141	.024705
Newton	1,156,200	.061664	89,183	.045107	.056656
Quincy	874,000	.046614	91,487	.046272	.046923
Revere	390,800	.020843	41,292	.020884	.021047
Saugus	341,448	.018211	24,716	.012501	.016456
Somerville	520,800	.027776	80,596	.040764	.032397
Stoneham	262,200	.013984	21,564	.010907	.013076
Swampscott	210,200	.011211	14,329	.007247	.000791 <sup>4</sup>
Wakefield	280,400	.014955	26,041	.013171	.014491
Waltham	725,000	.038667	56,757	.028706	.035669
Watertown	375,531	.020028	36,075	.018246	.019611
Wellesley	521,400	.027808	26,593	.013450	.023231
Weston	279,700	.014917	11,478	.005805	.011988
Westwood	261,613	.013953	14,019	.007090	.011771
Weymouth	577,147	.030781	56,854	.028755	.030380
Winchester	334,200	.017824	22,672	.011467	.015848
Winthrop	149,300	.007963	20,359	.010297	.008821
	\$18,749,899	1.000000	1,977,155	1.000000	1.000000
Cohasset (note 3) <sup>m</sup>	129,235	.006845		.003922	.000470
	\$18,879,134				

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8% of its proportion.)

Note 4. Swampscott Maintenance - Ch. 405 of 1968

# **METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS TOTAL ASSESSMENTS**

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 154,929.99	\$ 85,672.45	\$ 271,025.25	\$ 511,627.69
Belmont	119,732.68	66,209.21	191,395.46	377,337.35
Boston	1,005,942.06	556,261.13	2,264,781.17	3,826,984.36
Braintree	152,006.48	84,055.84	245,730.09	481,792.41
Brookline	199,793.72	110,481.00	330,561.84	640,836.56
Cambridge	244,500.28	135,202.62	464,688.25	844,391.15
Canton	77,216.13	42,698.61	123,817.78	243,732.52
Chelsea	45,293.35	25,046.11	96,131.23	166,470.69
Cohasset			4,479.97	4,479.97
Dedham	103,836.78	57,419.18	170,768.69	332,024.65
Dover	38,335.62	21,198.65	54,972.96	114,507.23
Everett	164,889.81	91,180.00	266,090.09	522,159.90
Hingham	79,945.78	44,208.04	129,562.79	253,716.61
Hull	27,207.45	15,045.05	50,418.87	92,671.37
Lynn	163,606.19	90,470.19	330,209.33	584,285.71
Malden	121,299.21	67,075.47	238,851.32	427,226.00
Medford	152,876.20	84,536.77	285,411.61	522,824.58
Melrose	89,502.18	49,492.50	161,708.16	300,702.84
Milton	99,477.72	55,008.73	165,804.93	320,291.38
Nahant	17,493.87	9,673.68	28,258.20	55,425.75
Needham	152,734.74	84,458.54	235,373.83	472,567.11
Newton	323,073.37	178,651.61	539,783.02	1,041,508.00
Quincy	244,222.60	135,049.07	447,053.07	826,324.74
Revere	109,201.78	60,385.89	200,522.69	370,110.36
Saugus	95,412.06	52,760.51	156,782.50	304,955.07
Somerville	145,525.53	80,472.03	308,658.41	534,655.97
Stoneham	73,265.73	40,514.14	124,579.97	238,359.84
Swampscott	58,737.28	32,480.27	7,536.15	98,753.70
Wakefield	78,353.05	43,327.30	138,061.21	259,741.56
Waltham	202,586.24	112,025.19	339,831.98	654,443.41
Watertown	104,931.78	58,024.69	186,841.37	349,797.84
Wellesley	145,693.18	80,564.74	221,330.48	447,588.40
Weston	78,153.96	43,217.21	114,214.19	235,585.36
Westwood	73,103.31	40,424.33	112,146.74	225,674.38
Weymouth	161,269.49	89,178.05	289,441.69	539,889.23
Winchester	93,384.47	51,639.31	150,989.86	296,013.64
Winthrop	41,720.18	23,070.23	84,040.99	148,831.40
	<u>\$5,239,254.25</u>	<u>\$2,897,178.34</u>	<u>\$9,531,856.14</u>	<u>\$17,668,288.73</u>



# **METROPOLITAN PARKS AND SEWERAGE DISTRICTS COMPARISON OF ASSESSMENTS 1976 and 1977**

	Parks 1976	Parks 1977	Sewerage 1976	Sewerage 1977
Arlington	\$ 447,070.46	\$ 511,627.69	\$ 398,887.21	\$ 412,113.32
Ashland			80,193.48	66,107.54
Bedford			99,639.78	79,889.49
Belmont	318,180.48	377,337.35	232,944.16	235,355.45
Boston	2,760,741.27	3,826,984.36	5,230,848.55	5,674,899.81
Braintree	403,909.32	481,792.41	293,317.43	304,399.87
Brookline	596,850.85	640,836.56	422,128.15	436,373.44
Burlington			194,960.16	180,134.85
Cambridge	756,375.12	844,391.15	921,335.62	1,150,361.75
Canton	206,932.86	243,732.52	156,663.05	155,806.77
Chelsea	122,513.37	166,470.69	206,958.57	219,072.11
Cohasset	3,508.82	4,479.97		
Dedham	298,538.09	332,024.65	217,000.21	216,483.20
Dover	81,215.92	114,507.23		
Everett	443,691.43	522,159.90	336,506.90	384,840.34
Framingham			533,223.78	508,232.63
Hingham	202,524.81	253,716.61	52,056.60	45,035.17
Hull	82,474.53	92,671.37		
Lexington			259,393.32	246,752.89
Lynn	535,674.09	584,285.71		
Malden	422,176.64	427,226.00	445,364.97	463,735.71
Medford	441,312.06	522,824.58	484,031.01	503,514.11
Melrose	261,494.46	300,702.84	255,849.06	264,436.09
Milton	282,158.18	320,291.38	217,014.72	217,061.33
Nahant	41,293.32	55,425.75		
Natick			252,011.71	225,327.51
Needham	394,714.68	472,567.11	239,967.69	238,082.69
Newton	955,791.12	1,041,508.00	712,197.05	743,027.81
Norwood			256,543.03	278,815.87
Quincy	727,324.52	826,324.74	735,824.36	776,057.51
Randolph			232,792.70	170,029.89
Reading			188,197.53	164,988.80
Revere	313,291.77	370,110.36	327,956.23	329,880.28
Saugus	243,621.44	304,955.07		
Somerville	450,465.38	534,655.97	647,377.43	693,694.35
Stoneham	197,762.11	238,359.84	171,262.13	174,539.27
Stoughton			204,248.49	131,890.72
Swampscott	87,164.87	98,753.70		
Wakefield	234,010.12	259,741.56	206,818.63	190,797.05
Walpole			215,107.11	226,807.19
Waltham	589,133.75	654,443.41	501,151.48	639,043.98
Watertown	307,304.29	349,797.84	295,101.73	320,043.43
Wellesley	369,551.97	447,588.40	211,203.09	194,778.94
Weston	205,512.28	235,585.36		
Westwood	185,561.95	225,674.38	111,345.76	73,883.87
Weymouth	480,516.61	539,889.23	451,546.25	368,028.81
Wilmington			147,029.03	75,485.94
Winchester	250,880.48	296,013.64	189,448.98	212,300.12
Winthrop	145,918.74	148,831.40	161,694.85	167,098.68
Woburn			308,948.10	324,654.74
	\$14,847,162.16	\$17,668,288.73	\$17,806,090.09	\$18,483,863.32

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1977

**Bonds Outstanding (serial):**

District Sewerage Loan, Act of 1949, (Ch. 606)	\$ 9,383,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	10,693,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	288,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	274,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	406,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	60,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	16,100,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	3,250,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,220,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,020,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	3,270,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	7,020,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	528,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	614,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	264,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	190,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	444,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	340,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	406,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	194,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	5,305,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	545,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	6,800,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	5,960,000.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	5,950,000.00
Metropolitan Sewerage Loan, Act of 1972 (Ch. 803)	3,450,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1966 (Ch. 478)	915,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1969 (Ch. 526)	460,000.00
	\$86,349,000.00

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Expenses

Debt Service:	Serial Bonds	Interest
District Sewerage Loan, Act of 1949 (Ch. 606)	\$ 697,700.00	\$ 298,723.75
Sewerage Loan, Act of 1951 (Ch. 645)	679,430.21	268,667.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	36,000.00	6,336.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	22,400.00	8,347.50
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	23,100.00	14,210.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	3,500.00	2,100.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	474,059.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	98,485.00
Metropolitan District Sewerage Loan, Act of 1962 (Ch. 593)	56,000.00	45,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	47,420.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	130,000.00	118,596.25
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	216,000.00	261,088.75
District Sewerage Loan, Act of 1951 (Ch. 527)	53,485.38	11,616.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	14,126.75
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	5,808.00
District Sewerage Loan, Act of 1954 (Ch. 580)	19,000.00	4,963.75
District Sewerage Loan, Act of 1955 (Ch. 410)	36,900.00	13,321.25
District Sewerage Loan, Act of 1955 (Ch. 551)	34,000.00	8,882.50
District Sewerage Loan, Act of 1957 (Ch. 710)	14,766.67	14,210.00
District Sewerage Loan, Act of 1957 (Ch. 764)	11,900.00	6,790.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	315,705.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	— 39,000.00	27,050.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	278,800.00
Metropolitan District Commission Malden Relief Sewer Loan, 1969 (Ch. 526)	20,000.00	25,875.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	170,000.00	324,875.00
Metropolitan District Commission Malden Relief Sewer Loan 1966 (Ch. 478)	45,000.00	51,318.75
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	266,793.38	502,150.00
Metropolitan Sewerage Loan 1972 (Ch. 803)	125,000.00	201,300.00
Interest on Average Monthly Deficit		268,411.00
	<hr/> \$3,689,275.64	<hr/> \$3,719,136.75
Maintenance		\$ 7,408,412.39
		<hr/> 11,075,450.93
Total Metropolitan Sewerage Expenses		<hr/> \$18,483,863.32



**METROPOLITAN DISTRICT COMMISSION  
SEWERAGE DIVISION**

**Ratios of Contribution on the Basis of G.L., Chap. 814, Section 5  
and the Census Returns of 1975 as Determined by the  
Metropolitan District Commission, Sewerage Division**

City or Town	Census 1975	Population Equivalent of Major Industries (≥50,000GPD)	Total Census and Population Equivalent	Ratios for Principal and Interest Fiscal Year Ending June 30, 1978
Arlington	50,223	0	50,223	0.021285
Ashland	8,906	3,225	12,131	0.005141
Bedford	12,314	1,260	13,574	0.005753
Belmont <sup>1</sup>	28,687	695	29,382	0.012452
Boston <sup>2</sup>	639,552	51,727	691,279	0.292968
Braintree	36,822	298	37,120	0.015732
Brookline	53,150	0	53,150	0.022525
Burlington	24,306	655	24,961	0.010579
Cambridge	102,095	38,077	140,172	0.059406
Canton	18,114	5,185	23,299	0.009874
Chelsea	25,066	1,623	26,689	0.011311
Dedham	26,924	1,082	28,006	0.011869
Everett	39,713	7,200	46,913	0.019882
Framingham	65,564	4,267	69,831	0.029595
Hingham <sup>3</sup>	6,555	0	6,555	0.002778
Holbrook	0	0	0	0.000000
Lexington	32,477	496	32,973	0.013974
Malden	55,814	710	56,524	0.023955
Medford	60,702	655	61,357	0.026004
Melrose	32,213	0	32,213	0.013652
Milton	27,214	298	27,512	0.011660
Natick	31,102	1,702	32,804	0.013903
Needham	29,936	754	30,690	0.013007
Newton	89,183	1,325	90,508	0.038358
Norwood	31,316	2,669	33,985	0.014403
Quincy	91,487	3,146	94,633	0.040106
Randolph	29,206	283	29,489	0.012498
Reading	23,696	0	23,696	0.010043
Revere	41,292	0	41,292	0.017500
Somerville	80,596	3,964	84,560	0.035837
Stoneham	21,564	0	21,564	0.009139
Stoughton	25,717	0	25,717	0.010899
Wakefield	26,041	0	26,041	0.011036
Walpole	18,504	16,692	35,196	0.014916
Waltham <sup>4</sup>	58,795	19,048	77,843	0.032990
Watertown	36,075	2,932	39,007	0.016531
Wellesley	26,593	0	26,593	0.011270
Westwood	14,019	0	14,019	0.005941

Weymouth	56,854	0	56,854	0.024095
Wilmington	17,656	2,322	19,978	0.008467
Winchester	22,672	3,200	25,872	0.010965
Winthrop	20,359	0	20,359	0.008628
Woburn	<u>35,329</u>	<u>9,676</u>	<u>45,005</u>	<u>0.019073</u>
TOTALS:	2,174,403	185,166	2,359,569	1.000000

1. Including population of 1,027 at the McLean Hospital.
2. Including 1,136 persons at Boston State Hospital and 430 persons at Deer Island.
3. Part of town only, included in the system.
4. Including 1,450 persons at the Metropolitan State Hospital and 588 persons at the Middlesex County Hospital.

# METROPOLITAN SEWERAGE DISTRICT

## Total Assessments

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 78,526.22	\$ 79,161.84	\$ 254,425.26	\$ 412,113.32
Ashland	18,966.56	19,120.08	28,020.90	66,107.54
Bedford	21,224.40	21,396.19	37,268.90	79,889.49
Belmont	45,938.85	46,310.69	143,105.91	235,355.45
Boston	1,080,839.71	1,089,588.06	3,504,472.04	5,674,899.81
Braintree	58,039.68	58,509.46	187,850.73	304,399.87
Brookline	83,100.93	83,773.56	269,498.95	436,373.44
Burlington	39,028.85	39,344.75	101,761.25	180,134.85
Cambridge	219,165.11	220,939.04	710,257.60	1,150,361.75
Canton	36,427.91	36,722.76	82,656.10	155,806.77
Chelsea	41,729.40	42,067.16	135,275.55	219,072.11
Dedham	43,788.01	44,142.43	128,552.76	216,483.20
Everett	73,350.18	73,943.88	237,546.28	384,840.34
Framingham	109,184.11	110,067.85	288,980.67	508,232.63
Hingham	10,248.81	10,331.76	24,454.60	45,035.17
Lexington	51,553.94	51,971.22	143,227.73	246,752.89
Malden	88,376.60	89,091.92	286,267.19	463,735.71
Medford	95,935.92	96,712.43	310,865.76	503,514.11
Melrose	50,365.99	50,773.65	163,296.45	264,436.09
Milton	43,016.95	43,365.13	130,679.25	217,061.33
Natick	51,292.00	51,707.16	122,328.35	225,327.51
Needham	47,986.41	48,374.81	141,721.47	238,082.69
Newton	141,513.23	142,658.65	458,855.93	743,027.81
Norwood	53,136.64	53,566.73	172,112.50	278,815.87
Quincy	147,962.09	149,159.70	478,935.72	776,057.51
Randolph	46,108.57	46,481.77	77,439.55	170,029.89
Reading	37,051.40	37,351.29	90,586.11	164,988.80
Revere	64,562.32	65,084.89	200,233.07	329,880.28
Somerville	132,212.57	133,282.70	428,199.08	693,694.35
Stoneham	33,716.29	33,989.19	106,833.79	174,539.27
Stoughton	40,209.42	40,534.87	51,146.43	131,890.72
Wakefield	40,714.85	41,044.39	109,037.81	190,797.05
Walpole	55,029.24	55,474.64	116,303.31	226,807.19
Waltham	121,709.20	122,694.32	394,640.46	639,043.98
Watertown	60,987.42	61,481.05	197,574.96	320,043.43
Wellesley	41,578.14	41,914.67	111,286.13	194,778.94
Westwood	21,917.99	22,095.39	29,870.49	73,883.87
Weymouth	88,893.10	89,612.60	189,523.11	368,028.81
Wilmington	31,237.10	31,489.93	12,758.91	75,485.94
Winchester	40,452.91	40,780.33	131,066.88	212,300.12
Winthrop	31,831.07	32,088.71	103,178.90	167,098.68
Woburn	70,365.55	70,935.10	183,354.09	324,654.74
	\$3,689,275.64	\$3,719,136.75	\$11,075,450.93	\$18,483,863.32



## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

Net Debt June 30, 1977	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Arlington	\$ 1,837,938.46	\$ 2,398,377.98	\$ 1,609,874.82	\$ 5,846,191.26
Ashland	443,920.20			443,920.20
Bedford	496,765.80			496,765.80
Belmont	1,075,217.74	1,253,732.01	1,244,140.18	3,573,089.93
Boston	25,297,493.83	67,422,500.57	10,452,726.45	103,172,720.85
Braintree	1,358,442.47		1,579,496.74	2,937,939.21
Brookline	1,945,011.23	3,159,076.40	2,076,053.10	7,180,140.73
Burlington	913,486.07			913,486.07
Cambridge	5,129,648.69	234,459.25	2,540,598.15	7,904,706.09
Canton	852,610.03	323,849.21	802,351.46	1,978,810.70
Chelsea	976,693.54	1,653,966.70	470,642.45	3,101,302.69
Dedham	1,024,876.28		1,078,966.18	2,103,842.46
Dover			398,344.80	398,344.80
Everett	1,716,790.82	3,485,829.51	1,713,367.16	6,915,987.49
Framingham	2,555,498.66			2,555,498.66
Hingham	239,877.52		830,715.22	1,070,592.74
Hull			282,712.12	282,712.12
Lexington	1,206,640.93	2,068,847.20		3,275,488.13
Lynn			1,700,029.11	1,700,029.11
Lynnfield Water District		188,501.70		188,501.70
Malden	2,068,490.30	3,002,265.20	1,260,418.04	6,331,173.54
Marblehead		1,026,343.15		1,026,343.15
Medford	2,245,419.40	4,043,885.45	1,588,533.94	7,877,838.79
Melrose	1,178,836.55	1,445,137.62	930,015.61	3,553,989.78
Milton	1,006,829.34	1,229,616.92	1,033,671.26	3,270,117.52
Nahant		187,112.87	181,778.49	368,891.36
Natick	1,200,510.15			1,200,510.15
Needham	1,123,141.44	449,853.69	1,587,064.03	3,160,059.16
Newton	3,312,174.94	5,507,456.60	3,357,049.82	12,176,681.36
Norwood	1,243,684.65	1,822,141.02		3,065,825.67
Peabody		695,044.79		695,044.79
Quincy	3,463,112.99	4,702,189.45	2,537,712.77	10,703,015.21
Randolph	1,079,189.80			1,079,189.80
Reading	867,203.01			867,203.01
Revere	1,511,107.50	1,963,170.09	1,134,713.76	4,608,991.35
Saugus		1,573,793.51	991,425.05	2,565,218.56
Somerville	3,094,489.11	4,041,234.06	1,512,153.21	8,647,876.38
Stoneham	789,143.51	1,440,592.37	761,302.94	2,991,038.82
Stoughton	941,117.75			941,117.75
Swampscott		785,571.05	610,338.05	1,395,909.10
Wakefield	952,947.56	1,052,478.35	814,165.15	2,819,591.06
Walpole	1,287,981.68			1,287,981.68
Waltham	2,848,653.51	4,998,262.12	2,105,070.14	9,951,985.77
Watertown	1,427,435.32	2,250,278.51	1,090,344.34	4,768,058.17
Wellesley	973,153.23		1,513,895.32	2,487,048.55
Weston		522,325.21	812,096.39	1,334,421.60
Westwood	512,999.41		759,615.27	1,272,614.68
Weymouth	2,080,579.16		1,675,748.42	3,756,327.58
Wilmington	731,116.98			731,116.98
Winchester	946,816.79	391,144.19	970,356.38	2,308,317.36
Winthrop	745,019.17	937,963.25	433,513.68	2,116,496.10
Woburn	1,646,934.48			1,646,934.48
	\$86,349,000.00	\$126,257,000.00	\$54,441,000.00	\$267,047,000.00